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APR 7 2000

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April 12, 2000



WRITER'S DIRECT NUMBER:  
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Assistant Commissioner for Patents  
Washington, D.C. 20231

Re: U.S. Utility Patent Application  
Appl. No. 09/266,935; Filed: March 12, 1999  
For: **Compositions and Methods for Enhanced Synthesis  
of Nucleic Acid Molecules**  
Inventors: LI *et al.*  
Our Ref: 0942.4560001/RWE/BJD

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Fee Transmittal (PTO/SB/17) (*in duplicate*);
2. Second Supplemental Information Disclosure Statement and Fee Under 37 C.F.R. § 1.97(c) (*in duplicate*);
3. Form PTO-1449 (1 sheet citing 1 document);
4. Cited document (AE1);
5. SKG&F Check No. 27218 in the amount of \$240.00 for IDS fee; and
6. One return postcard.

Assistant Commissioner for Patents  
April 12, 2000  
Page 2

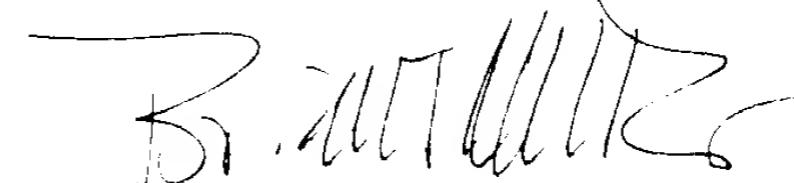
TECH CENTER 1600/2900

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Brian J. Del Buono  
Agent for Applicants  
Registration No. 42,473

BJD/cmg  
Enclosures

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL

## for FY 2000

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

**Complete if Known**

|  |  |                          |                      |
|--|--|--------------------------|----------------------|
| <b>FEE TRANSMITTAL</b><br><b>for FY 2000</b><br><i>Patent fees are subject to annual revision.</i><br><i>Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.</i> |  | <b>Complete if Known</b> |                      |
|  |  | Application Number       | 09/266,935           |
|  |  | Filing Date              | March 12, 1999       |
|  |  | First Named Inventor     | Li et al.            |
|  |  | Examiner Name            | J. Riley             |
| TOTAL AMOUNT OF PAYMENT  |  | Group / Art Unit         | 1655                 |
| \$240.00   |  | Attorney Docket Number   | 0942.4560001/RWE/BJD |

**METHOD OF PAYMENT (check one)**

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number 19-0036  
 Deposit Account Name Sterne, Kessler, Goldstein & Fox P.L.L.C.

Charge Any Additional Fee Required  
Under 37 CFR §§ 1.16 and 1.17

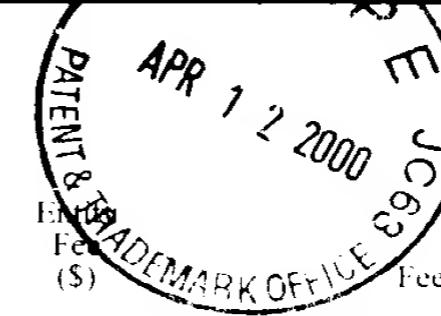
2.  Payment Enclosed:  Check  Money Order  Other\*  
\*Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.

**FEE CALCULATION****1. BASIC FILING FEE**

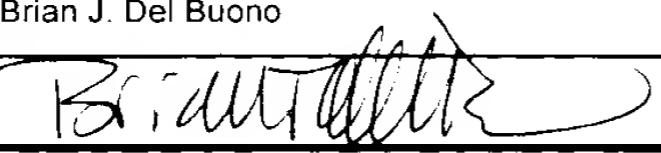
| Large Fee Code    | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description        | Fee Paid |
|-------------------|-----------------|----------------|-----------------|------------------------|----------|
| 101               | 690             | 201            | 345             | Utility filing fee     |          |
| 106               | 310             | 206            | 155             | Design filing fee      |          |
| 107               | 480             | 207            | 240             | Plant filing fee       |          |
| 108               | 690             | 208            | 334             | Reissue filing fee     |          |
| 114               | 150             | 214            | 75              | Provisional filing fee |          |
| SUBTOTAL (1) (\$) |                 |                |                 |                        |          |

**2. EXTRA CLAIM FEES**

| Large Fee Code  | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description   | Fee Paid |
|---|-----------------|----------------|-----------------|---|----------|
| Total Claims 33   | - 38** = 0      | X 0            | = 0.00          |   |          |
| Indep. Claims 2   | - 3** = 0       | X 0            | = 0.00          |   |          |
| Multiple Dependent  |                 |                | =               |   |          |
| ** or number previously paid, if greater; For Reissues, see below |                 |                |                 |   |          |
| Large Fee Code  | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description   |          |
| 103   | 18              | 203            | 9               | Claims in excess of 20                                    |          |
| 102   | 78              | 202            | 39              | Independent claims in excess of 3                         |          |
| 104   | 260             | 204            | 130             | Multiple dependent claim                                  |          |
| 108   | 78              | 209            | 39              | **Reissue independent claims over original patent         |          |
| 110   | 18              | 210            | 9               | **Reissue claims in excess of 20 and over original patent |          |
| SUBTOTAL (2) (\$)   |                 |                |                 |   |          |

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Large Fee Code                    | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description  | Fee Paid |
|-----------------------------------|-----------------|----------------|-----------------|--|----------|
| 105                               | 130             | 205            | 65              | Surcharge - late filing fee or oath  |          |
| 127                               | 50              | 227            | 25              | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139                               | 130             | 139            | 130             | Non-English specification  |          |
| 147                               | 2,520           | 147            | 2,520           | For filing a request for reexamination                                     |          |
| 112                               | 920*            | 112            | 920*            | Requesting publication of SIR prior to Examiner action                     |          |
| 113                               | 1,840*          | 113            | 1,840*          | Requesting publication of SIR after Examiner action                        |          |
| 115                               | 110             | 215            | 55              | Extension for reply within first month                                     |          |
| 116                               | 380             | 216            | 190             | Extension for reply within second month                                    |          |
| 117                               | 870             | 217            | 435             | Extension for reply within third month                                     |          |
| 118                               | 1,360           | 218            | 680             | Extension for reply within fourth month                                    |          |
| 128                               | 1,850           | 228            | 925             | Extension for reply within fifth month                                     |          |
| 119                               | 300             | 219            | 150             | Notice of Appeal   |          |
| 120                               | 300             | 220            | 150             | Filing a brief in support of an appeal                                     |          |
| 121                               | 260             | 221            | 130             | Request for oral hearing   |          |
| 138                               | 1,510           | 138            | 1,510           | Petition to institute a public use proceeding                              |          |
| 140                               | 110             | 240            | 55              | Petition to revive - unavoidable   |          |
| 141                               | 1,210           | 241            | 605             | Petition to revive - unintentional   |          |
| 142                               | 1,210           | 242            | 605             | Utility issue fee (or reissue)   |          |
| 143                               | 430             | 243            | 215             | Design issue fee   |          |
| 144                               | 580             | 244            | 290             | Plant issue fee  |          |
| 122                               | 130             | 122            | 130             | Petitions to the Commissioner  |          |
| 123                               | 50              | 123            | 50              | Petitions related to provisional applications                              |          |
| 126                               | 240             | 126            | 240             | Submission of Information Disclosure Stmt                                  | 240.00   |
| 581                               | 40              | 581            | 40              | Recording each patent assignment per property (times number of properties) |          |
| 146                               | 760             | 246            | 380             | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 149                               | 760             | 249            | 380             | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| Other fee (specify):              |                 |                |                 |  |          |
| Other fee (specify):              |                 |                |                 |  |          |
| *Reduced by Basic Filing Fee Paid |                 |                |                 |  |          |
| SUBTOTAL (3) (\$)                 |                 |                |                 |  | 240.00   |

| SUBMITTED BY          |  | Complete (if applicable) |                |                               |
|-----------------------|--|--------------------------|----------------|-------------------------------|
| Typed or Printed Name | Brian J. Del Buono   |                          | Reg. Number    | 42,473                        |
| Signature             |  | Date                     | April 12, 2000 | Deposit Acct. User ID 19-0036 |

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Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.